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## What is claimed is:

A test support apparatus for supporting a test of a screen program using a graphic user interface, comprising:

a test support class generation unit obtaining screen definition information about a test target screen program, and generating a test support class which is a subclass inheriting a class of the test target screen program according to the screen definition information, and a class for testing the test target screen program; and

a test execution unit conducting a test of the test target screen program using the generated test support class.

- 2. The apparatus according to claim 1, further comprising
- a test specification generation unit
  generating a test specification for the test target
  screen program according to the screen definition
  information, and providing the test specification
  for said test execution unit.
- 25 3. The apparatus according to claim 2, further

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comprising:

a test report generation unit generating a test report using the test specification generated by said test specification generation unit and a test execution result obtained by said test execution unit.

- 4. The apparatus according to claim 3, wherein said test support class has a function of supporting input of input test data.
  - 5. The apparatus according to claim 1, wherein said test support class has a function of recording a test result obtained when a test is conducted.
- 6. The apparatus according to claim 1, wherein said test support class has a function of visually indicating a test execution portion on a screen.
  - 7. The apparatus according to claim 1, wherein said test support class has a function of conducting a test using new input test data or input data about a previous test execution result.

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- 8. The apparatus according to claim 7, wherein said test support class has a function of displaying a warning when an execution result of a test conducted using the input data about the previous test execution result is different from the previous test execution result.
- 9. The apparatus according to claim 1, wherein said test support class has a function of supporting measurement of performance of the test target screen program.
  - 10. A test supporting method for supporting a test of a screen program using a graphic user interface, comprising:

obtaining screen definition information about a test target screen program, and generating a test support class which is a subclass inheriting a class of the test target screen program according to the screen definition information, and a class for testing the test target screen program; and

conducting a test of the test target screen program using the generated test support class.

11. A computer-readable storage medium storing a program used to direct a computer to control support of a test of a screen program using a graphic user interface, said program to direct said computer to perform the process of:

obtaining screen definition information about a test target screen program; and

generating a test support class which is a subclass inheriting a class of the test target screen program according to the screen definition information, and a class for testing the test target screen program.

12. A computer-readable storage medium storing a program used to direct a computer to control support of a test of a screen program using a graphic user interface, said program to direct said computer to perform the process of:

receiving input \data; and

conducting a test of a test target screen program using a test support class which is a subclass inheriting object-oriented programming for a class of the test target screen program, and tests a screen program using the received input data.

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13. A computer data signal embodied in a carrier wave and representing a program that makes the computer perform the control for supporting a test of a screen program sing a graphic user interface, and the program makes the computer execute the process of:

redeiving new input test data, or input data about a previous test execution result; and

conducting a test of a test target screen program using a test support class which is a subclass inheriting object-oriented programming for a class of the test target screen program, and tests a screen program using the received input data.

14. A test support apparatus for supporting a test of a screen program sing a graphic user interface, comprising:

test support class generation means for obtaining screen definition information about a test target screen program, and generating a test support class which is a subclass inheriting a class of the test target screen program according to the screen definition information, and a class

for testing the test target screen program; and
test execution means for conducting a test of
the test target screen program using the generated
test support class.